

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

November

2010

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

December 9, 2010

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

November was a very dry month across most of the San Angelo hydrologic service area (HSA). Many areas did not receive measureable rainfall for the month. A few light scattered showers occurred during the month. These were mainly associated with cold fronts moving into the region. However, most of the upper level disturbances and cold fronts impacting the area were dry.

Drought conditions intensified quickly across the HSA during November. Early in the month, the U.S. Drought Monitor depicted moderate to severe drought conditions developing across portions of the Northern Edwards Plateau and Northwest Hill Country and abnormally dry conditions were developing across southern Concho Valley and Heartland. By the end of the month, moderate to severe drought conditions covered Crockett, Sutton and Kimble Counties. Moderate drought conditions were covering parts of Schleicher, Menard, Mason, McCulloch, San Saba and Brown Counties. Abnormally dry conditions were depicted over much of the remainder of the Concho Valley and northern Heartland.

The average precipitation reported from coop observers in November was 0.08 of an inch. The highest monthly total of 0.62 of an inch was reported in Jones County. Coop observers in Coleman, Jones and Taylor Counties received over one quarter of an inch of rain in November.

The San Angelo Regional Airport reported only a trace of precipitation during November. The monthly normal rainfall for San Angelo in November is 1.10 inches.

The Abilene Regional Airport received 0.15 of an inch of precipitation during November, which was 1.15 inches below normal for the month. The monthly normal rainfall for Abilene in November is 1.30 inches.

Junction received only a trace of rain during November. The estimated average monthly rainfall in November is about 1.50 inches.

Coop Observer Rainfall Totals for November, 2010:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene	0.17		Merkel 12SW	0.41
Acton Ranch	0.00		Mertzon 12NNW	0.00
Albany	0.05		Ozona 22SE	0.00
Ballinger 2NW	0.07		Paint Rock	0.03
Brady	0.00		Putnam	0.03
Brownwood	0.00		Red Bluff Crossing	0.17
Burkett	0.29		Rotan	0.00
Coleman	0.21		San Angelo WFO	0.04
Eden	0.10		San Saba 7NW	0.00
Eldorado	0.00		Santa Anna 12SSE	0.00
Eldorado 10W	0.02		Silver Valley	0.05
Glen Cove 2NE	0.17		Sonora	0.00
Hamlin	0.62		Sterling City	0.00
Haskell	0.18		Water Valley	0.00
Hords Creek	0.00		Water Valley 11NE	0.00
Junction 4SSW	0.00		Winters	0.00
Mason	T		(M) <i>Missing data</i>	
Menard	0.06		(T) <i>Trace</i>	

Reservoir Conditions (end of November, 2010)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	60,270	86
Lake Stamford	52,700	51,570	100
Hubbard Creek Lake	317,800	196,260	62
Hords Creek Lake	8,800	2,870	35
Lake Brownwood	131,428	80,940	62
E.V. Spence	488,760	17,350	3
O.C. Fisher	119,200	2,150	2
O.H. Ivie	554,340	184,500	33
Twin Buttes	177,800	33,510	19

Hydro Products Issued

ESF = 2 (Probabilistic Forecasts)

DGT = 2 (Drought Statement)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for November across the San Angelo HSA is depicted below.

